

**Quality Control Check Report. Stage: After Column Casting (villas)**

Block No.	141	Column No.	01	Sl. No.	31417
Company	Nidgeri Estatey	Project	Nidgeri Estatey	Phase	N
Prepared by	S. Kuldheep	Sign	S. Kuldheep	Date	07/09/18
Project Manager	G. Srinivas Kumar	Sign	G. Srinivas Kumar	Date	07/09/18
Previous stage report no.	30874	MD Sign	Report filed and signed by PM?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Checked By: MD on			For filling	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Recommendation:</b> <input type="checkbox"/> Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC. <input type="checkbox"/> Stop further work. Proceed with work after submitting ATR on QC report to QC team. <input checked="" type="checkbox"/> Proceed with further work only after making corrections pointed out in the QC report. ATR not required. <input type="checkbox"/> Proceed with further work. ATR not required.					

**Columns Position Check**

Notes:

1. Inspection should be done after casting of columns at each stage and before starting centering works for each slab.
2. Prepare Columns Position Check Plan as follows:
  - a. Divide blocks into smaller sub-blocks.
  - b. Show size and orientation of columns. (Tolerance 0.5")
  - c. Show inner – inner space between columns. (Tolerance 1")
  - d. Show diagonals for 20% of bays. (Tolerance 1.5")
  - e. Print an A3 size plan.

Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

Yes  No

**Slab Dimensions Check**

Notes:

1. Prepare Slab (or plinth beams) Dimensions Check Plan as follows:
  - a. Show outer dimensions of slab. (Tolerance 2")
  - b. Show length and width of balconies (Tolerance 1")
  - c. Show inner dimensions of ducts and lift well. (Tolerance 1")
  - d. Show location of sunken slab.
  - e. Print an A3 size plan.

Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

**Slab Dimensions Check Plan enclosed?**

Yes  No

Specified thickness of slab?

Actual thickness of slab?

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Quality of centering, rod bending and concreting.		<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of centering, rod bending and concreting?		<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of starters?		<input type="checkbox"/> High <input type="checkbox"/> Medium. <input checked="" type="checkbox"/> Low
Number and size of honey combs?		<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Are the honey combs is slab and columns packed?		
Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1"		
Have 6 cubes each for columns and slab casted and numbered for testing?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:		

**Curing.**

Bunds for curing made on slab?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>N.A</i>
Bund size is less than 100 sft?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Drum (200 lts) provided for curing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Gunny bags used for column curing?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distance of tap from furthest distance that requires curing. (max permitted 100')	<i>30'-0"</i>	
Frequency of curing in number of times a day (enquire from labourers)	<i>2 times</i>	
Is the pressure in the curing pipe more than 15' head?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Quality of infrastructure for curing.	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad	
Remarks:		

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**Columns height, plumb, steel & level marking check.**

Notes:

1. Mark ✓ for correct or minor mistake which does not require correction
2. Mark ✗ for minor mistake that requires minor correction.
3. Mark ✗✗ for major mistake that requires correction by replacement or re-fixing.
4. Mark ✗✗✗ for major mistake that cannot be corrected.
5. Tolerance: Plumb 0.25"
6. Circle actual height of columns if level differs from specified height by more than 1".

S No	Col No.	Col type	Height in ft		Steel (✓ or ✗)	Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.	Actual			Side 1	Side 2	
1.	A1	C1	8'-7"	8'-7"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A3	C1	8'-4"	8'-5"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A5	C1	8'-7"	8'-7 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	A6	C1	8'-7"	8'-7 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	B1	C1	8'-7"	8'-8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	B2	C1	8'-4"	8'-5"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	B5	C1	8'-4"	8'-5"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	B6	C1	8'-7"	8'-7"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	C1	C1	8'-7"	8'-7 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	C2	C1	Stair	Stair	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	C4	C1	Stair	Stair	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	C5	C1	8'-7"	8'-8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	C6	C1	8'-7"	8'-6 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.									<input type="checkbox"/> Yes <input type="checkbox"/> No
15.									<input type="checkbox"/> Yes <input type="checkbox"/> No
16.									<input type="checkbox"/> Yes <input type="checkbox"/> No
17.									<input type="checkbox"/> Yes <input type="checkbox"/> No
18.									<input type="checkbox"/> Yes <input type="checkbox"/> No
19.									<input type="checkbox"/> Yes <input type="checkbox"/> No
20.									<input type="checkbox"/> Yes <input type="checkbox"/> No